Hayden, Smelting and Milling Center For Rich Mining District

Town Has Grown Fast and Consists of Substantial Houses, and Has But One Saloon-New Smelter and the Biggest Mill in Arizona Are Features of This New City.

(By George A. Soutter)

San Pedro rivers, a distance of about 30 miles southeast of Phoenix and right in the heart of one of the greatest the nining districts in the state. Here is occated the mammoth mill of the Ray onsolidated Copper company and the melter of the American Smelting and fining company, both practically ad-ning each other. The mines of the Ray Consolidated

penning company. Soin practically sojoining each other.

The mines of the Ray Consolidated are located at Hay, ore being carried over the Bay and Gila Valley railroad, which is owned by the Ray Consolidated a distance of about seven miles to Kelvin, and thence over the Arisona Eastern railread for about 16 miles to Hayden Junotion, from which point the company owns trackage for a distance of two miles, swinging around Hayden and entering the mill from the north. The mill is constructed in eight units, six of which are now in continuous operation, and the remaining two will be ready in a few weeks. When compute the mill will have a capacity of about 16,000 tons of ore every 24 hours and will be one of the largest in the country. The output has been received by the local smelter since the first part of the year and, though the smelter had not been finished at that time, the concentrates were dumped in large rock piles, which supply, flong with the dally output of the mill, is slowly being utilized. Two large reverberatory furnaces are in operation, only the concentrates from the local mill being hisndled at present, but arrangements are now being made for the installation of blast furnaces for the purpose of handling the large output of the mill is now being shipped to El Paso.

Town Has Three Sections,

The millist under the management of Gus Herschfield is run in a very business block in Hayden and also housing the largest business block in Hayden and also housing the management of Gus Herschfield is run in a very business like way, this building heing the largest business block in Hayden and also housing the mayden mad also housing the largest business block in Hayden and also housing the management of Gus Herschfield is run in a very business.

The Nacional theater is along the fermion of the mill is slowly being utilized. The company has made it imperative that all buildings erected in the business section be fire proof, and on this section is that of interest is enjoyed by the business men, and the sual d

finest water systems in the west and is contemplating the proposition of instaling a sewer and light system of

has over 300 students, and all gradu-

ates of the school are granted cer-

tificates to teach in public schools in the state for life. At the present time there is being added to the school an agricultural college. Tempe has a fine new high school and also a fine gram-

mar school.

Churches, Library, Secret Serieties.
Churches consist of Methodist Episcopal
South, Baptist, Christian, Congregational and Catholic. There is also a
library and free reading room. Secret societies of the town consist of
Masons, Knights of Pythias, Odd Fel-

AVDEN, the great mill and smelter town of the southwest, is located at the junction of the Gha and a Pedro rivers, a distance of about Winkelman branches, making mayden

the concentrates from the local mill being handled at present, but arrangements are now being made for the installation of blast furnaces for the purpose of handling the large output of custom ore in this vicinity, which is now being shipped to El Paso.

Town Has Three Sections.

The town of Hayden is divided into three parts, the main section being on ground owned by the Bay Consolidated Copper company, the Mexican settlement being to the west in what is called "San Pedro" and to the east, the assettion, where are located the residences and quarters of the A. S. & R. company's employees. The business section is located in Hayden proper, the buildings in this section having only been erected during the past year. The town is rapidly grow-

EL PASOANS WILL BE SURPRISED BY MANY INTERESTING AND WONDERFUL THINGS THEY WILL SEE ON TRADE EXCURSION

(Continued from previous page)

From Bishee to Nogales.

town in the country, will be yisited for 10 minutes after leaving Lordsburg, and San Simon, the metropolis of the newly developed artesian belt in the San Simon valley—a town that has sprung up from nothing in the past year—will be reached at 5:30. The excursionists will shake hands with the citizens for 10 minutes while the 12d infantry band plays a concert.

The next stop will be at Bowie, where the band will play while the train is switched to the Arizona Eastern railroad for the run up the Gilla valley to

At Minml and Globe, Leaving Safford at midnight the rain will make the run to Miami by , where an hour and a balf will be ent seeing the new town and the big ncentrator and the great mines, John Fitzpatrick tells in today's Herald

A. B. Rood.

The Hayden meat market and the haberdashery of the Taylor-Hatch company are located in the Dennis block, the latter company being one of the most upfodate stores of its kind in this vicinity, a store that any town would be proud of. The firm consisting of Mesrs. Taylor & Hatch enjoys a very prosperous business.

The Nacional theater is another beautiful bailding, motion plays being tiven each evening, and occasionally outside plays being staged.

The company has made it imperative that all buildings erected in the business section be fire proof, and on this account a very low rate of interest is enjoyed by the business men, and the usual display of shacks, which adorn the majority of mining camps, is eliminated.

Substantial Young Town.

Down the Glin Valley. Fort Thomas, Pima and Thatcher,

and where the S. P. will again be taken for the trip westward. Forty-five minutes will be spent at Willcox, in the heart of the rich Sulwatermelens almost too big to believe, and corn that grows as high as the houses; where they say a doctor would starve and an undertaker was never known to visit. Good schools, substantial homes and people who never tire of teiling of the wonderful farming region immediately surrounding, and of the great marble quarries and rich mine prospects in the mountains to the south will be found by the visitors at this place.

Along the Southern Pacific.

Cochise a mine and livestock sup-

Along the Southern Pacific.

Cochise, a mine and livestock supply point, will be visited for 13 minutes and at 7 oclock the train will leave for Pearce, equally noted for the mining and cattle country surrounding, particularly its mines. From 8 to 9:20 the El Pasoans will remain at Pearce, famous in the lore and literature of the west as a great mining town, home of a big concentrator and many active mines, and then the train will make an hour's run to Kelton, function point of the Arizona Eastern (which read will be taken at Cochies by the excursionists) and the El Paso & Southwestern.

The night will be spent at Kelton, which is not as hig now as it expects to be and as it undoubtedly will be when the surrounding farming country is put under cultivation.

The train will allo out of Kelton

Grandstand Enlarged.

To accommodate the crowds expected the grandstand is being extended 50 feet to the south, giving the completed stand a senting capacity of 4000, exclusive of the boxes, which will seat 360 more.

A new building of brick, 40x100 feet

Phoenix Welcomes the El Pasoans;

Wants Them Also For the State Fair

Gov. Hiram Johnson and Champ Clark Expected to De-

liver Addresses on One Day of the Fair-Special

Days Are Planned For the Children, the Elks, Moose and Visitors From All States.

Auto Races to Be a Feature.

ward to Winkelman, where they will awaken at 6 oclock Saturday morning Winkelman is one of the oldest min-ing towns in Arizona and is still a prosperous, active place, supplying a large section of country. Returning towards Phoenix, after an

with all manner of city airs and city conveniences, and boasts an electric car service a hotel the equal of cities many times its size, a handsome club house, a splendid postoffice building, paved streets and other city features. It is the headquarters of the Copper Queen and Calumet & Arizona mining companies and has grown so fast that it has been forced to spread out into several suburbs, principal of which are Warren and Lowell. The principal mines of the Calumet & Arizona and the Copper Queen companies are in the hills beneath and around Bisbee.

Naco, border port between Arizona and Sonora, the place that furnishes Bisbee with its drinking water via the pipe line route, will get a 10 minute call from the excursionists at 3:49 in the afternoon and Fairbank, another Sulphur Springs valley town of much promise, for many years noted as a cattle shipping point, will get a call of 10 minutes at 5 p. m.

From Hisbee to Nogales. company, an owner are the above elsewhere in this issue.

Continuing back towards Phoenix, the train will reach Ray Junction, and at 5:45 leave for Ray, the home of the mines of the famous Ray Consolidated. Half an hour will be spent getting acquainted with the people of this live town, a community surrounded by rich mines, and then, returning to Ray Junction, the train will proceed westward to Florence, the home of the state prison of Arizona, and the center of a fortile valley for a short stop.

Home of Famous Cantaloupe.

Mesa, like many of the Gila valley towns, known as a Mormon settlement, will be visited for 40 minutes shortly

From Hisbee to Nogales.

Huachuca, from which point the
Southern Parific transfers freight to
the famous fort of that name, will be
visited for 15 minutes at 5:35, and Patagonia, in the heart of the Patagonia
mining district of Santa Cruz county.

Arizona, will be reached at 7 oclock. will be visited for to minutes shortly after noon, and the excursionists will see the place from which are shipped the famous Mesa cantaloupes, The valley surrounding Mesa, which is large

and prosperous; suburb of Phoenix, home of a big beet sugar factory and producer of much fine fruit; Wickenburg and Congress Junction, both famous in the annals of Arizona mining. Short stops will be made at each place.

and the excursionists will remain until midnight. Nogales is the port through which passes all the business to and from the west coast of Mexico, over the Southern Pacific of Mexico. It is important as a cattle and mining town and has some splendid agricultural land in its vicinity that will be brought under irrigation as soon as the plans can be completed for damming the Santa Cruz river. It is the county seat of Santa Cruz county, Only a street separates Nogales, Arizons, from Nogales, Sonora, a Mexican town of considerable proportions.

In Arizons's Metropolis. and the first proportions.

The first proportions are stoped for the state of the s Present, for many years the territorial capital of Arixona, the Clouderoft of Arixona, nestled up among the
pines in the mountains, will be reached
at 8 oclock Saturday night and the excursionists will remain until midnight
A reception will be tendered them at
the Yavapat club, one of the finest in
the state, and they will be privileged
to visit Fort Whipple, nearby, or if
there is a show in town, they can see
it at the Elks' theater, as commodious
as any in Arixona. A good street clu-

Tucson, El Paso's Sister On the West, Warmly Welcomes El Pasoans

City Has Shown a 90 Percent Increase in Population Since 1900 and Will Be 40,000 in 10 Years, Its Mayor Declares-The Farming Industry Is Developing Very Rapidly.

(By L. E. Huffman, Mayor)

to the progressive business men f the most progressive city in Texas. | mise We, of Tucson, look upon El Paso us the eldest sister in the family of progressive western cities along the

the causes which have promoted this growth, for indirectly the development of El Paso has nided the splendid progress which Tucson has made in the same period. While it is true that many causes have been at work in the advancement of El Paso, the chief cause was undoubtedly the wide-awake, intelligent work of her business men. The contemplated excursion of the business men through the various western cities, taking with their or-wanization representatives from other western cities, taking with their organization representatives from other Texas and New Mexico cities, having for its object the promotion of a better fellowship and business relations, is a good move in the right direction. Tucson is glad of the opportunity to welcome such a delegation.

Tucson, the leading city of Arians well as El Paso and indirectly to as well as El Paso and indirectly to every other city in the three states on these lines cannot even be sur-

company is now at work developing and placing under irrigation more than 5000 acres of this land which will be subdivided into small tracts and old at prices and on terms which will be well within the reach of the average farmer seeking new homes in the

is a good move in the right direction. Tueson is giad of the opportunity to welcome such a delegation.

Tueson's Pragress.

Tueson has made greater progress in the past 19 years than any other city of her size in this country. The gain in populsition from 1909 to date has been over 99 percent. The Southern Pacific raliway system connections, and the Arizons Eastern lines have been the chief agents at work in this development, and the business menthrough their chamber of commerce have been on the alert to take advantage of every opportunity offered them to advance the city.

At the tims the Ei Paso & Southwestern railroad was negotialing for terminal facilities and rightsofway, the taxpayers raised \$71,000 to assist the company in purchasing the necessary property. A similar case was the voting of \$155,000 in bonds to induce the Southern Pacific to build the Mexican to Nogales Extensions of the III Paso & Southwestern system are expected to be made to Globe and to Port Lobos on the west coast of Mexico. What

I soon received the cooperation of all the earlier settlers and homesteaders, who gladity and earnestly assisted in the organization of the Bowle Commercial club. I was made secretary and the results of our efforts are clearly shown in the rapid development and uphulding of Bowle and the immediate vicinity.

leinity.

Bowle, almost the oldest town in the

dogs, and giving a show next year under the auspices of the American Kennel club.

Particular attention will be given to Airedule terriers, Dalmations (coach dogs), collies, bull terriers, bulkings, Boston terriers, bloodhounds, Great Danes, cocker spaniels and white English terriers, thousing of any recognized breeds will be benched and judged on their merits.

Frank Hillebrand has offered a fine sweepstake cup for the best dog of all breeds exhibited; Ed J. Doyle will give a cup for the best Boston terrier on show, while Pinney and Robinson have put up a fancy collar for the best pointer benched and judged. With these exceptions the only prizes will be ribbons.

It is expected that about 200 dogs will be shown.

Expect Big Ponitry Bisplay.

The ponitry show in connection with the fair promises to be the best held anywhere in Arjzona in years. The shows hitherto held have given an impetus to poultry raising, particularly in Maricopa county, and the liberal prizes offered by the Fair association this year promises to hering out an exceptionally fine showing of birds.

The All States Day.

The promotors of All States day at the fair are particularly active in their efforts to make it a memorable occasion and are holding nightly meetings to perfect arrangements. There is much rivalry between the states as an opting out a side station at water tank, saloon and the immediate vicinity. Bowle, almost the oldest town in the state, and stored and stored the state and supticularly sor periods. As an outling out a side station at water tank, saloon and store—until the early spring of 1912, since which the there are now five good stores, a tunner are now five good stores, a lumber yard, livery stable, two salouns, the prince are now five good stores, a lumber yard, livery stable, two salouns, a lumber yard, liv

Southweaters.

The night will be spent at Kelton, where the surrounding farming country is put under cultivation to the Arrison and the surrounding farming country is put under cultivation to the Arrison and the surrounding farming country is put under cultivation to the Arrison and the surrounding farming country is put under cultivation to the accursionists will remark to the Arrison and the territory, now it is open town in the surrounding farming country is put under cultivation to the excursionists are raised, at a collection and the surrounding farming country is put under cultivation to the excursionists are raised, at a collection and the surrounding farming country is put under cultivation to the excursionists are raised, at a collection and the surrounding farming country is put under cultivation to the excursionists are raised, at a collection and the surrounding farming country is put under cultivation to the excursionists are raised, and a collection and the surrounding farming country is put under cultivation to the surrounding farming country is put under cultivation to the surrounding farming country is put under cultivation to the surrounding farming country is put under cultivation to the surrounding farming country is put under cultivation to the country of the surrounding farming country is put under cultivation to the country of the surrounding farming country is put under cultivation to the country of the surrounding farming country is put under cultivation to the country of the surrounding farming country is put under cultivation to the country of the country of the surrounding farming country is put under cultivation to the country of the country of

With the completion of the dam and the development of 30,000 horsepower by means of the high line caual and with all the resources which this valley alrendy ponsesses. Las Cruces and the Mesilia valley look forward to the future with absolute confidence and with absolute assurance that nothing retard or even interrupt our

NOTICE

The Os-Aple Jubilee committee hereby requests that any individual, club, society or secret organisation desiring to participate in the industrial or Os-Aple purade, notify C. A. Kinne, secretary of the committee, 311 American Bank building, at the earliest possible date, -- Advertisement.

If you are going to fence, get some of Lander's treated posts .- Adv.

FRANK RICH IN VANCOUVER.

Frank Rich is now in Vancouver, B. C. with his company, the Frank Rich musical comedy company, and his ad-vertisements say that he is playing to exercise the sick and convalescent musical comedy company, and his advantagidly recuperate and regain health verifisements say that he is playing to capacity houses "three times a day, There are at the Commercial club's six days a week, four weeks a month."

Beware of Imitations and Cheap Substitutes

Baker's Breakfast Cocoa



IS THE STANDARD FOR QUALITY For all those whose occupations re-

quire clear heads and steady nerves, as well as those in poor health or of delicate digestive powers, it is the ideal beverage.

TRADE-MARK ON EVERY PACKAGE Booklet of Choice Recipes Sent Free

Walter Baker & Co. Ltd. Dorchester, Mass. Established 1780

Tempe, the Home Of One Of Arizona's Normals, Grows Fast

Is in the Heart of a Great Orange District, Surrounded by Rich Lands Watered by Big Irrigation Ditches-Has a Big Creamery, a New City Hall and Also Two Banks.

(By A. Nielsen, Mayor of Tempe)

EMPE is beautifully located on the south bank of the Salt river, nine miles east of Phoenix. The water

ley is a profitable industry, also cying. The Pacific Creamery comping the Pacific Creamery computering the well known Lilly milk, ich is sold in all parts of Arizona, we Mexico and Mexico. It is one of best equipped plants in the souther and gives employment to from to 100 men continually.

Center of Orange Industry. The state normal school is located in Tempe and is one of the best eduentional institutions in the west. It

The orange industry around Temps developing considerably of late, parally due to the fact that the fruit dis due to the fact that the fruit pens from three to four weeks bette it does in California. An averte yield from a 10 acre orchard close Temps last year brought to the racer \$4500 and the total expense for a senson's care and marketing was at than \$500. Considering the fact at good orange land can be secured Temps for one-third the price ked in California, that alone offers present indicement.

where so many bees are kept withwo limited an area as in the Salt
ver valley last year, there were
lipped out of the valley 24 carloads,
of these coming from Tempe alone.
"Cleanest Town In West."
Tempe itself is one of the cleanest

lows, Woodmen of the World, Ascient Order of United Workmen, Maccabes, Rebekabs, Degree of Honor, Woodmen Circle, Modern Woodmen and Grand Tempe itself is one of the cleanest towns in the west. The town is completely laid off in blocks, each street being lined with beautiful shade trees. When coming to the Salt River valley don't forget Tempe. It is on the main Southern Pacific line into Phoenix and being so close to that city is practically connected with all the roads in and out of the valley. Tempe extends a coldial welcome to the El Pascans. Fraternity.

Tempe has two banks—the Farmers and Merchants and the Tempe National bank. The latter bank has just completed its new building, which is a credit to any city. A new city hall has also but recently been finished. A number of fine residences are at the present time being created, making in all one of the most progressive towns in the state.

Bath Irrigated Country.

The country surrounding Tempe is watered by the Tempe and San Francisco canal systems, comprising 56

cisco canal ersaems, comprising 56 interest distant ditches. The entire system is operated on the cooperative plan. The books of the Tempe Canal company show that for the past 20 years the cost of maintenance has been less than 56 cents per acre per year, and cisco canal systems, comprising 56 miles of main canals and 200 miles of lateral ditches. The entire system is operated on the cooperative plan. The

EL PASOANS OFF ON TRIP AMONG THEIR NEIGHBORS

(Continued from previous page).

Krakaner, as chairman of the advertis- | preparing a splendid reception for the ousiness cards from the Pearson plant

To Cover 2400 Miles.

Covering 2400 miles, the keynote trade trip will visit all of the principal towns and cities in the two new states. Sunday, October 20, will be spent at the Grand Canyon of the Colorado, where religious serviese will be held in charge of Dr. H. F. Wright and a sacred concert will be given by the 22d infantry band. After these services, the entire party will go down into the canyon by rives. way of Bright Angel trail and will study the greatest of natural wonders at first The excursion will stay at the Grand Canyon all day Sunday and will leave after the sun has set over the

Phoenix, with its beautiful Salt River valley, will be another point of especial interest in this trip. There El Pasoans will be able to see the wonderful valley under the most intensive cultivation and get a picture of the El Paso valley of the near future.

Entertainment Arranged. The Phoenix chamber of commerce is other in keeping to schedule.

ing committee, has arranged for a supply of the keys and also for white pine for joy rides through the valley. At Globe, the business men have ar to be distributed by the merchants on ranged for the Elks' clubrooms, where

ranged for the Elks' clubrooms, where the El Pascans will be entertained while in that city. An auto ride through the Gila valley is also being arranged for the trade excursionists by the Graham county chamber of commerce, from Pima to Solomonsville. Prescott, Giendale, Albaquerque, Nogales Silver City, Morenci and Clifton and all of the places scheduled on the itinerary are preparing for the coming of the Greater El Pascans and will be at the station when the trade train arrives.

Clifton is arranging a smoker and a dance

Electric Lighted Train.

The train upon which the pilgrimage will be made will consist of three Pullmans, a baggage car and a Southern Pacific dining car. A hotel car was urdered but was not taken as it could the trip with their business cards print- the El Pascans will be entertained

Pacific dining car. A hotel car was ordered but was not taken as it could not be carried on the train because it was not electrically lighted. The entire train will have electric lights and will be made up of drawing room sleepers. The schedule calls for fast running time and the various railroads over which the train will run will try to outdo each

Phoenix Ariz, Oct. 13-Mayor Lloyd and dairy department and it is expects. Christy extends a hearty welcome | ed to be well filled with exhibits. Eyand dairy department and it is expected to be well filled with exhibits. Every known sanitary appliance used in the care of milk, butter, cheese and other dairy products will be used in the construction of the building, and those that may not or cannot be used in construction will be on exhibition during the fair.

Dairying is now one of the principal industries of the state, and the output of Arizona dairy farms foots up several millions of dollars annually.

Ante Ruces to Be Fenture. Phoenix Ariz, Oct. 12.—Mayor Lloyd, B. Christy extends a hearty welcome to the El Paso trade excursionists to Phoenix, the capital of Arizona, and the matropolls of the Salt River valley. The mayor and practically everybody in the city are busy preparing for the annual fair, which this year, they promise, will be the biggest in history, but they are going to take the time to show the El Pasoans the beauties of the state capital and the surrounding country. They are preparing an automobile ride through the city and substitute for the visitors and will show them every courtesy.

wetting. There is a constitutional cause for this trouble. Mrs. M. Summers, Box W. Notre Dame, Ind., will need free to any mother her specessful home treatment, with fell Instructions. Send no money, but write her today if your children trouble you in this way. Don't blame the child, the chances are It can't help II. Tais treatment also cures in dimension, equipped with the latest it can't seep in loss to cold storage appliances and exhibit souths and arm people to booths, is being built for the creamery difficulties by day or algor soults and aged people troubled with urine

not a dog fancier's club can be organ-ized in the fown with a view toward stimulating interest in the breeding of dogs, and giving a show next year un-der the auspices of the American Ren-

the construction of the building, and shoke that may not or chanot be used in construction will be on exhibition during the fair.

Dairying is now one of the principal industries of the state, and the output of Arizona dairy farms foots up several millions of dollars annually.

Auto Races to Be Feature.

Besides the two big auto races—Los Angeles to Phoenix and San Diego to Phoenix—it is purposed to have six inter-city races, all timed to reach the fair ground on Automobile day. The prize in each race is a silver cup, and when all the racers are in the winners will race over the mile track for a purse of \$200 in gold, the winner to take all. The races scheduled in the inter-city races are as follows: Prescot to Phoenix, Yuma to Phoenix, Tueson to Phoenix, Yuma to Phoenix, Tueson to Phoenix and Globe to Phoenix.

The inter-city races are arousing much more enthusiasian among Arizona automobilists than are the big races, as in the inter-city races are arousing much more enthusiasian among Arizona automobilists than are the big races, as in the inter-city races are accessed in the cars used will be specially built racing machines.

Dog Show to Be Held.

The dog fanciers of Phoenix are going to glive a dog show during the cars used will be specially built racing machines.

Dog Show to Be Held.

The dog fanciers of Phoenix are going to glive a dog show during the fair, in order to determine whether or mothed the sanction. The more the merrier, was the fair, in order to determine whether or mothed the sanction. The more the more up. It is believed the big organization will not withhold its sanction.

The order of the Moose, which is making efforts to have a showing at the State fair which will cellinse that of any other fraternal order, has just issued a program of prizes to be awarded, as follows:

The loss of products and the prize opening to private to be awarded to the top of the state of the prize of the state of the state

To lodge making best appearance in parade.
To lodge traveling greatest dis-